


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

<b>APPLICATION FOR PERMIT TO DRILL</b>				<b>1. WELL NAME and NUMBER</b> NBU 920-12I		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES		
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> NATURAL BUTTES		
<b>6. NAME OF OPERATOR</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.				<b>7. OPERATOR PHONE</b> 720 929-6587		
<b>8. ADDRESS OF OPERATOR</b> P.O. Box 173779, Denver, CO, 80217				<b>9. OPERATOR E-MAIL</b> mary.mondragon@anadarko.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU-0144868B		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>		
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Ute		<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	2076 FSL 799 FEL	NESE	12	9.0 S	20.0 E	S
<b>Top of Uppermost Producing Zone</b>	2076 FSL 799 FEL	NESE	12	9.0 S	20.0 E	S
<b>At Total Depth</b>	2076 FSL 799 FEL	NESE	12	9.0 S	20.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 799		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 600		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1000		<b>26. PROPOSED DEPTH</b> MD: 10700 TVD:		
<b>27. ELEVATION - GROUND LEVEL</b> 4705		<b>28. BOND NUMBER</b> WYB000291		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Permit #43-8496		

**ATTACHMENTS****VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
<b>NAME</b> Kevin McIntyre	<b>TITLE</b> Regulatory Analyst I
<b>SIGNATURE</b>	<b>DATE</b> 09/25/2008
<b>API NUMBER ASSIGNED</b> 43047501260000	<b>PHONE</b> 720 929-6226
	<b>EMAIL</b> Kevin.McIntyre@anadarko.com
	<b>APPROVAL</b>  Permit Manager

DATE SURVEYED: 06-23-08	SURVEYED BY: M.S.B.	SHEET 1 OF 9
DATE DRAWN: 07-03-08	DRAWN BY: B.R.B.	
SCALE: 1" = 1000'	Date Last Revised:	

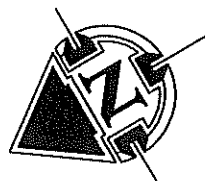
# WELL PAD LEGEND

- WELL LOCATION
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)

## WELL PAD NBU 920-121 QUANTITIES

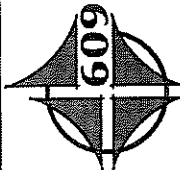
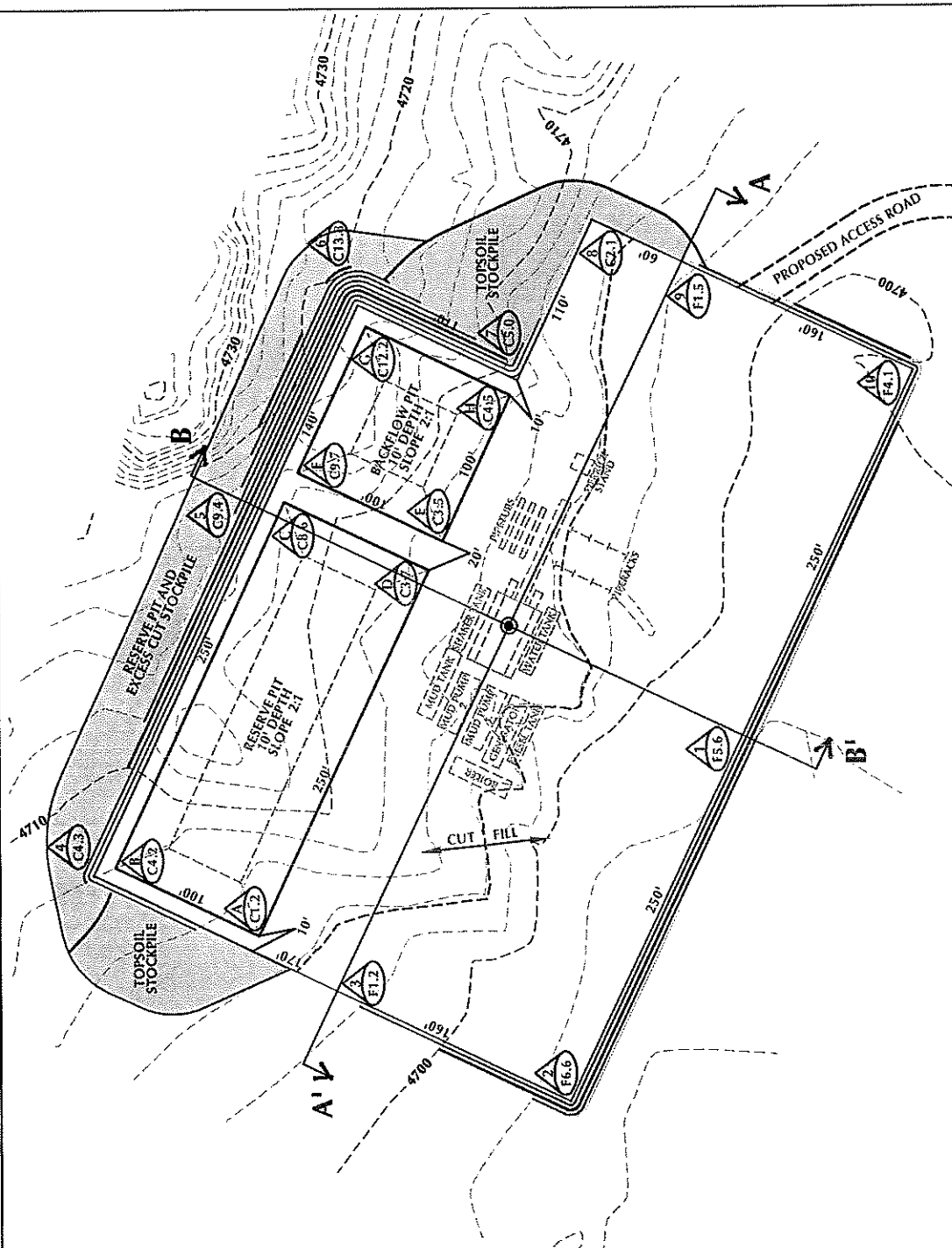
EXISTING GRADE @ LOC. STAKE = 4,705.0'  
 FINISHED GRADE ELEVATION = 4,703.8'  
 CUT SLOPES = 1.5:1  
 FILL SLOPES = 1.5:1

TOTAL CUT FOR WELL PAD = 14,014 C.Y.  
 TOTAL FILL FOR WELL PAD = 12,888 C.Y.  
 TOPSOIL @ 6" DEPTH = 3,123 C.Y.  
 TOTAL DISTURBANCE = 3.87 ACRES  
 SHRINKAGE FACTOR = 1.15  
 SWELL FACTOR = 1.00  
 RESERVE PIT CAPACITY (2' OF FREEBOARD)  
 +/- 25,880 BARRELS  
 RESERVE PIT VOLUME  
 +/- 7,185 CY  
 BACKFLOW PIT CAPACITY (2' OF FREEBOARD)  
 +/- 8,780 BARRELS  
 BACKFLOW PIT VOLUME  
 +/- 2,520 CY



HORIZONTAL 0 50 100 1" = 100'  
 2' CONTOURS

**Timberline**  
 Engineering & Land Surveying, Inc.  
 38 WEST 100 NORTH  
 VERNAL, UTAH 84078  
 (435) 789-1365

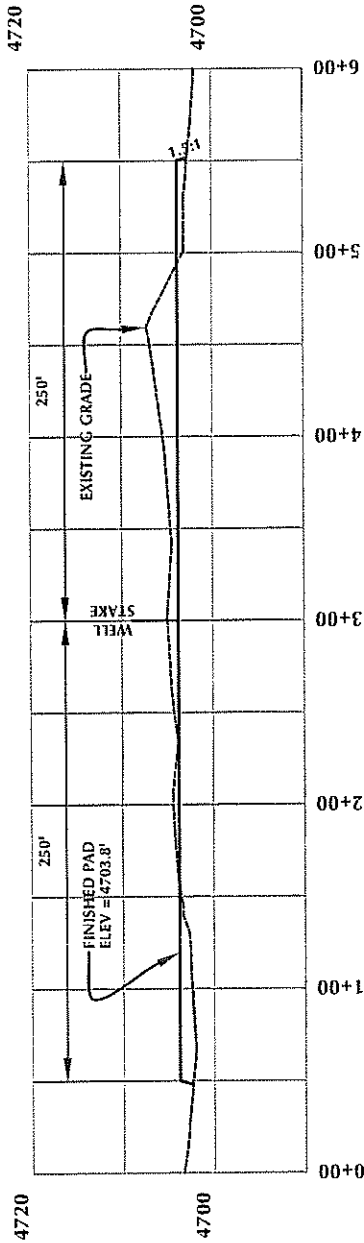


**KERR-MCGEE OIL & GAS**  
**ONSHORE L.P.**  
 1099 18th Street - Denver, Colorado 80202

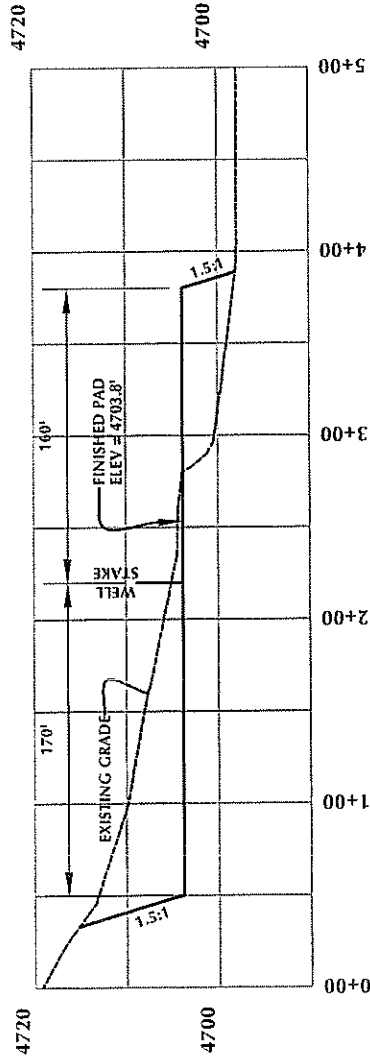
**NBU 920-121**  
**WELL PAD - LOCATION LAYOUT**  
 2076' FSL, 799' FEL  
 NE1/4SE1/4, SECTION 12, T.9S., R.20E.  
 S.L.B.&M., UINTEAH COUNTY, UTAH

**CONSULTING, LLC**  
 371 Coffeen Avenue  
 Sheridan WY 82801  
 Phone 307-674-0609  
 Fax 307-674-0182

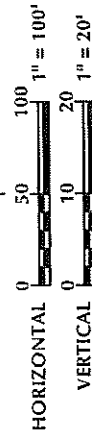
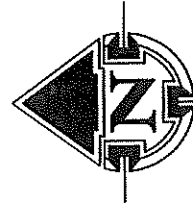
Scale: 1"=100'	Date: 8/15/08	SHEET NO: 2
REVISED:	BY DATE	2 OF 9



**CROSS SECTION A-A'**



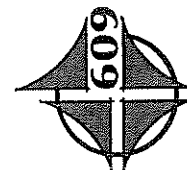
**CROSS SECTION B-B'**



**Timberline**  
Engineering & Land Surveying, Inc.  
(435) 789-1365  
38 WEST 100 NORTH  
VERNAL, UTAH 84078

SHEET NO:  
**3**  
3 OF 9

Scale: 1"=100'  
Date: 8/15/08  
BY: [Signature]  
DATE: [Signature]  
REVISED:



**CONSULTING, LLC**  
371 Coffeen Avenue  
Sheridan WY 82801  
Phone 307-674-0609  
Fax 307-674-0182

**KERR-MCGEE OIL & GAS**  
**ONSHORE L.P.**  
1099 18th Street - Denver, Colorado 80202

**NBU 920-121**  
**WELL PAD - CROSS SECTIONS**  
**2076' FSL, 799' FEL**  
**NE1/4SE1/4, SECTION 12, T.9S., R.20E.**  
**S.L.B.&M., UINTAH COUNTY, UTAH**





PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: EASTERLY

**Kerr-McGee**  
**Oil & Gas Onshore, LP**  
 1099 18th Street - Denver, Colorado 80202

NBU 920-12I  
 2076' FSL, 799' FEL  
 NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  OF SECTION 12, T9S, R20E,  
 S.L.B.&M. UTAH COUNTY, UTAH.



CONSULTING, LLC  
 371 Coffeen Avenue  
 Sheridan WY 82801  
 Phone 307-674-0609  
 Fax 307-674-0182

**LOCATION PHOTOS**

TAKEN BY: M.S.B.

DRAWN BY: B.R.B.

DATE TAKEN: 07-30-08

DATE DRAWN: 08-01-08

REVISED:

**Timberline** (435) 789-1365  
 Engineering & Land Surveying, Inc.  
 38 WEST 100 NORTH VERNAL, UTAH 84078

SHEET  
 4  
 OF 9



**Kerr-McGee Oil & Gas Onshore, LP**  
**NBU 920-12I**  
**Section 12, T9S, R20E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 13.9 MILES TO THE JUNCTION OF STATE HIGHWAY 88. EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 16.8 MILES TO OURAY, UTAH. FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 2.9 MILES TO THE INTERSECTION OF AN EXISTING ROAD TO THE EAST. EXIT LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION ALONG EXISTING ROAD APPROXIMATELY 3.8 MILES TO THE INTERSECTION OF AN EXISTING ROAD TO THE SOUTH. EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG EXISTING ROAD APPROXIMATELY 0.7 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A SOUTHEASTERLY THEN NORTHEASTERLY DIRECTION APPROXIMATELY 4,330 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 38.9 MILES IN A SOUTHERLY DIRECTION.